

## ABSTRACT

There is a PSI receipt waiting time of two seconds or so from a start of decoding of an MPEG transport stream to actual display of AV data. There are provided first means of recording 3 for recording a predetermined signal discretely including additional information of a program; means of controlling records 2 for having said predetermined signal recorded by first means of recording 3; means of controlling reproduction 4 for having said predetermined signal reproduced from said first means of recording 3; means of detecting PSI 1 for detecting program specific information (PSI) from said predetermined signal; and means of adding PSI 5 for adding said PSI to said predetermined signal.